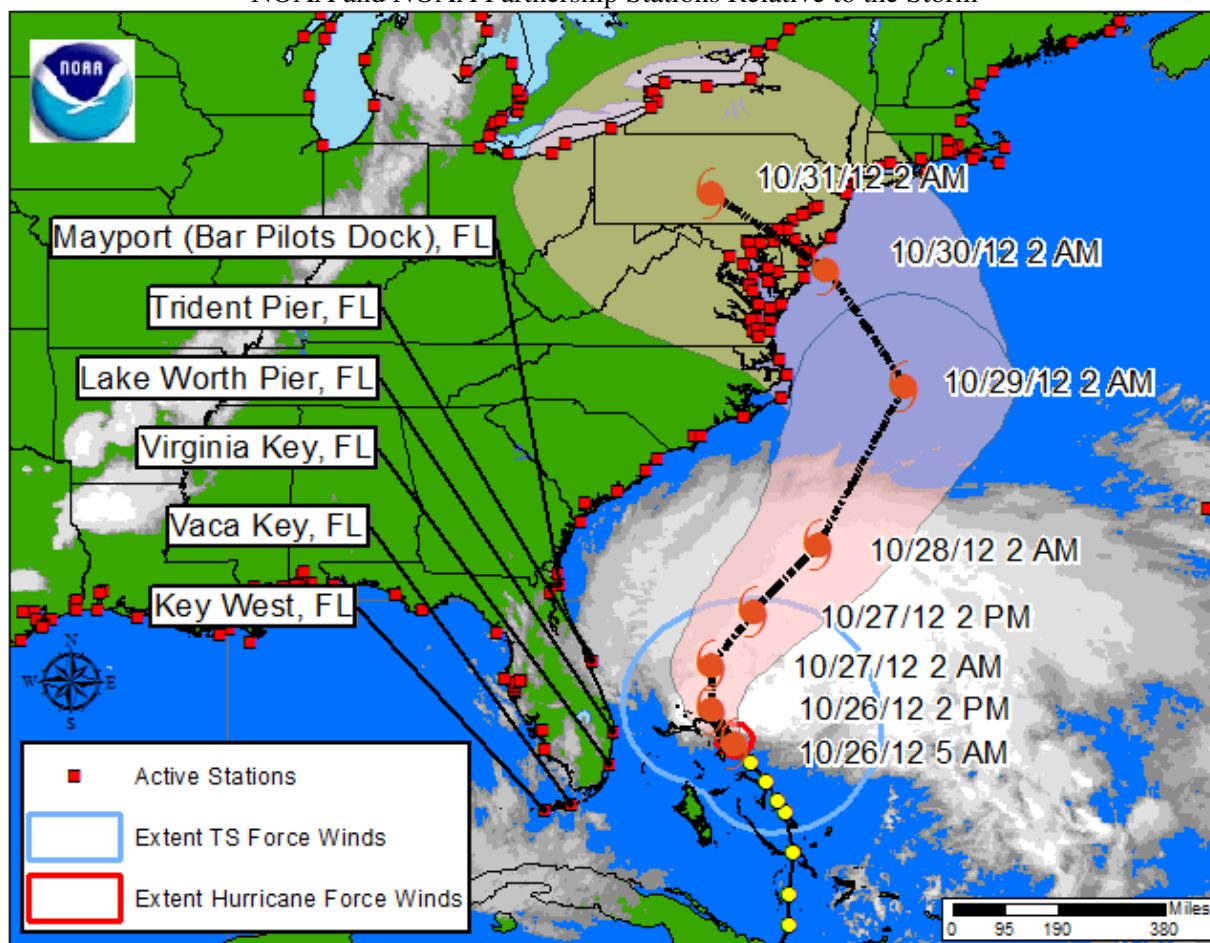




Hurricane SANDY QuickLook  
Posted: 06:00 EDT 10/26/2012



#### NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

As of 10/26/2012 06:00 EDT, water levels from the Florida Keys to northern Florida are elevated between 0.4 and 1.5 feet above tidal predictions. Winds range from 10 to 35 knots, with gusts of up to 45 knots. Barometric pressure continues to fall across the region.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Vaca Key, FL: Next predicted high tides are 1.0 ft (0.30 m) at 10/26/2012 13:19 EDT and 1.1 ft (0.33 m) at 10/27/2012 01:13 EDT.

Virginia Key, FL: Next predicted high tides are 2.6 ft (0.80 m) at 10/26/2012 07:10 EDT and 2.6 ft (0.80 m) at 10/26/2012 19:23 EDT.

Hurricane SANDY QuickLook, POSTED 06:00 EDT 10/26/2012

Lake Worth Pier, FL: Next predicted high tides are 3.4 ft (1.04 m) at 10/26/2012 06:21 EDT and 3.2 ft (1.00 m) at 10/26/2012 18:34 EDT.

Trident Pier, FL: Next predicted high tides are 4.2 ft (1.29 m) at 10/26/2012 06:01 EDT and 3.9 ft (1.21 m) at 10/26/2012 18:15 EDT.

Mayport (Bar Pilots Dock), FL: Next predicted high tides are 5.6 ft (1.69 m) at 10/26/2012 06:54 EDT and 5.3 ft (1.63 m) at 10/26/2012 19:15 EDT.

Key West, FL: Next predicted high tides are 1.9 ft (0.57 m) at 10/26/2012 08:38 EDT and 2.1 ft (0.64 m) at 10/26/2012 20:37 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For information on Highest Astronomical Tide (HAT), NAVD88 and other datums, please see [Tidal Datums](#). For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: DW

-----  
SELECT [NATIONAL HURRICANE CENTER](#) ADVISORY INFORMATION:

HURRICANE SANDY ADVISORY NUMBER 16  
NWS NATIONAL HURRICANE CENTER MIAMI FL AL182012  
500 AM EDT FRI OCT 26 2012

...SANDY PASSING NEAR GREAT ABACO ISLAND...  
...WIND FIELD CONTINUING TO EXPAND...

WATCHES AND WARNINGS

-----  
CHANGES WITH THIS ADVISORY...

A TROPICAL STORM WATCH HAS BEEN ISSUED FROM SAVANNAH RIVER NORTHWARD TO OREGON INLET NORTH CAROLINA...INCLUDING PAMLICO SOUND.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A HURRICANE WARNING IS IN EFFECT FOR...  
\* THE NORTHWESTERN BAHAMAS EXCEPT ANDROS ISLAND

A TROPICAL STORM WARNING IS IN EFFECT FOR...  
\* THE CENTRAL BAHAMAS  
\* FLORIDA EAST COAST FROM OCEAN REEF TO FLAGLER BEACH  
\* LAKE OKEECHOBEE  
\* ANDROS ISLAND IN THE NORTHWESTERN BAHAMAS

A TROPICAL STORM WATCH IS IN EFFECT FOR...

- \* SAVANNAH RIVER TO OREGON INLET NORTH CAROLINA
- \* PAMLICO SOUND
- \* FLORIDA EAST COAST FROM NORTH OF FLAGLER BEACH TO FERNANDINA BEACH
- \* FLORIDA UPPER KEYS FROM OCEAN REEF TO CRAIG KEY
- \* FLORIDA BAY

INTERESTS ELSEWHERE ALONG THE EAST COAST OF THE UNITED STATES SHOULD MONITOR THE PROGRESS OF SANDY.

A HURRICANE WARNING MEANS THAT HURRICANE CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA. PREPARATIONS TO PROTECT LIFE AND PROPERTY SHOULD BE RUSHED TO COMPLETION.

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA.

A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE. FOR STORM INFORMATION SPECIFIC TO YOUR AREA OUTSIDE THE UNITED STATES...PLEASE MONITOR PRODUCTS ISSUED BY YOUR NATIONAL METEOROLOGICAL SERVICE.

#### DISCUSSION AND 48-HOUR OUTLOOK

-----  
AT 500 AM EDT...0900 UTC...THE CENTER OF HURRICANE SANDY WAS LOCATED NEAR LATITUDE 26.3 NORTH...LONGITUDE 76.9 WEST. SANDY IS MOVING TOWARD THE NORTHWEST NEAR 13 MPH. A DECREASE IN FORWARD SPEED IS EXPECTED TODAY...FOLLOWED BY A TURN TOWARD THE NORTH TONIGHT AND A TURN TOWARD THE NORTHEAST ON SATURDAY. ON THE FORECAST TRACK...THE CENTER OF SANDY WILL CONTINUE MOVING NEAR THE NORTHWESTERN BAHAMAS THIS MORNING AND MOVE NORTH OF THE BAHAMAS TONIGHT.

MAXIMUM SUSTAINED WINDS HAVE DECREASED TO NEAR 80 MPH WITH HIGHER GUSTS. SANDY IS A CATEGORY ONE HURRICANE ON THE SAFFIR-SIMPSON HURRICANE WIND SCALE. A LITTLE WEAKENING IS FORECAST TODAY...BUT SANDY IS EXPECTED TO REMAIN A HURRICANE FOR THE NEXT COUPLE OF DAYS.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 35 MILES FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 275 MILES. THE WIND FIELD OF SANDY IS EXPECTED TO GROW IN SIZE DURING THE NEXT COUPLE OF DAYS. A NOAA AUTOMATED STATION AT SETTLEMENT POINT ON GRAND BAHAMA ISLAND RECENTLY REPORTED A SUSTAINED WIND OF 48 MPH AND A WIND GUST OF 66 MPH.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 968 MB...28.59 INCHES.

HAZARDS AFFECTING LAND

-----  
WIND...HURRICANE CONDITIONS WILL CONTINUE IN THE HURRICANE WARNING AREA OVER THE NORTHWESTERN BAHAMAS THROUGH THIS MORNING. TROPICAL STORM CONDITIONS ARE EXPECTED TO SPREAD NORTHWARD IN THE WARNING AREA ALONG THE EAST COAST OF FLORIDA TODAY AND TONIGHT...AND ARE POSSIBLE IN THE WATCH AREA IN FLORIDA TONIGHT AND SATURDAY. TROPICAL STORM CONDITIONS ARE POSSIBLE IN THE WATCH AREA IN THE CAROLINAS SATURDAY AND SATURDAY NIGHT.

RAINFALL...SANDY IS EXPECTED TO PRODUCE TOTAL RAINFALL AMOUNTS OF 6 TO 12 INCHES ACROSS HAITI AND THE DOMINICAN REPUBLIC..WITH ISOLATED MAXIMUM TOTALS OF 20 INCHES POSSIBLE. THESE RAINS MAY PRODUCE LIFE-THREATENING FLASH FLOODS AND MUDSLIDES...ESPECIALLY IN AREAS OF MOUNTAINOUS TERRAIN. RAINFALL TOTALS OF 3 TO 6 INCHES ARE EXPECTED OVER PORTIONS OF THE BAHAMAS..WITH ISOLATED MAXIMUM AMOUNTS OF 12 INCHES POSSIBLE. RAINFALL TOTALS OF 1 TO 3 INCHES ARE EXPECTED ACROSS THE FLORIDA KEYS INTO SOUTHEASTERN AND EAST-CENTRAL FLORIDA..WITH ISOLATED MAXIMUM AMOUNTS OF 6 INCHES POSSIBLE. RAINFALL TOTALS OF 4 TO 8 INCHES ARE POSSIBLE OVER FAR EASTERN NORTH CAROLINA.

STORM SURGE...THE COMBINATION OF A DANGEROUS STORM SURGE AND THE TIDE WILL CAUSE NORMALLY DRY AREAS NEAR THE COAST TO BE FLOODED BY RISING WATERS. THE WATER COULD REACH THE FOLLOWING DEPTHS ABOVE GROUND IF THE PEAK SURGE OCCURS AT THE TIME OF HIGH TIDE...

HURRICANE WARNING AREA IN THE BAHAMAS...5 TO 8 FT  
FLORIDA COAST WITHIN WARNING AREA...1 TO 3 FT

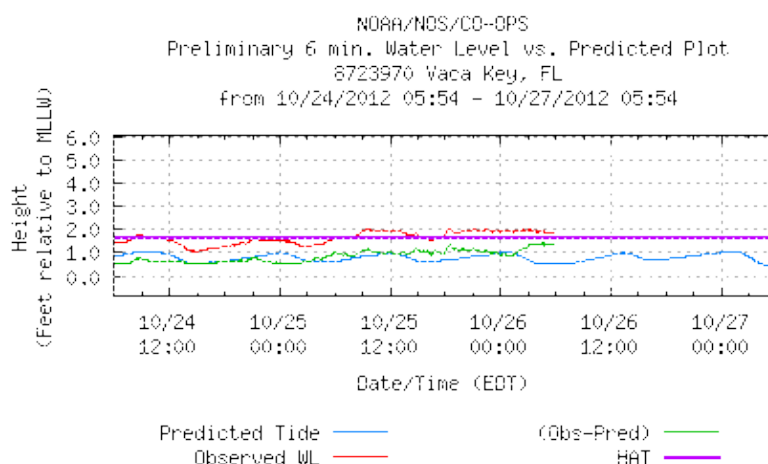
SURGE-RELATED FLOODING DEPENDS ON THE RELATIVE TIMING OF THE SURGE AND THE TIDAL CYCLE...AND CAN VARY GREATLY OVER SHORT DISTANCES. FOR INFORMATION SPECIFIC TO YOUR AREA...PLEASE SEE PRODUCTS ISSUED BY YOUR LOCAL WEATHER OFFICE.

FORECASTER BRENNAN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

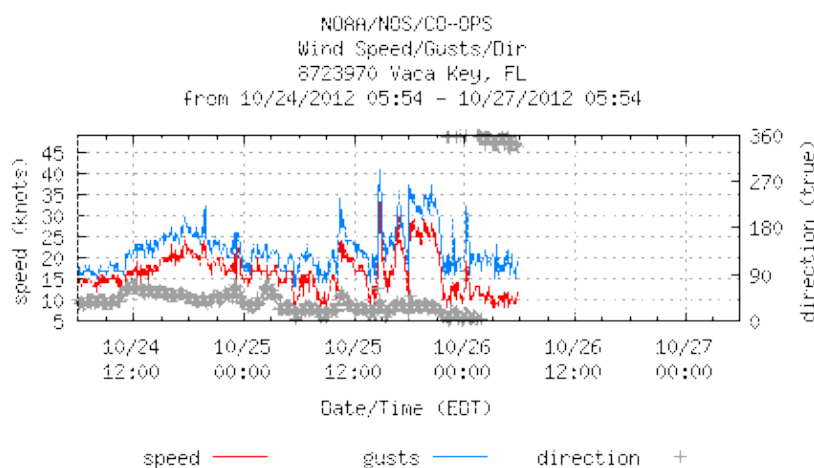
Jump to: [Vaca Key - Water Level](#), [Vaca Key - Winds](#), [Vaca Key - Barometric](#), [Virginia Key - Water Level](#), [Virginia Key - Winds](#), [Virginia Key - Barometric](#), [Lake Worth Pier - Water Level](#), [Lake Worth Pier - Winds](#), [Lake Worth Pier - Barometric](#), [Trident Pier - Water Level](#), [Trident Pier - Winds](#), [Trident Pier - Barometric](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Mayport \(Bar Pilots Dock\) - Winds](#), [Mayport \(Bar Pilots Dock\) - Barometric](#), [Key West - Water Level](#), [Key West - Barometric](#),

Vaca Key, FL - Return to List



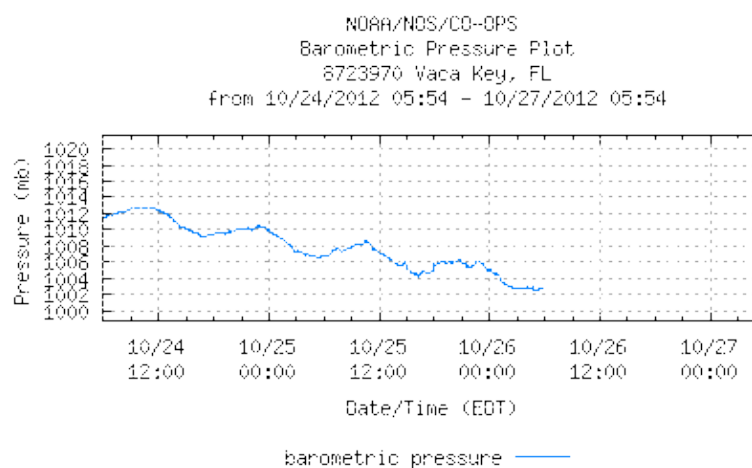
Last Observed Sample: 10/26/2012 05:42 (EDT)  
Relative to MLLW: **Observed: 1.86 ft. Predicted: 0.51 ft. Residual: 1.35 ft.**  
Historical Maximum Water Level: Oct 24 2005, 5.8 ft. above MHHW

Vaca Key, FL - Return to List



Last Observed Sample: 10/26/2012 05:42 (EDT)  
**Wind Speed: 12 knots Gusts: 19 knots Direction: 338° T**

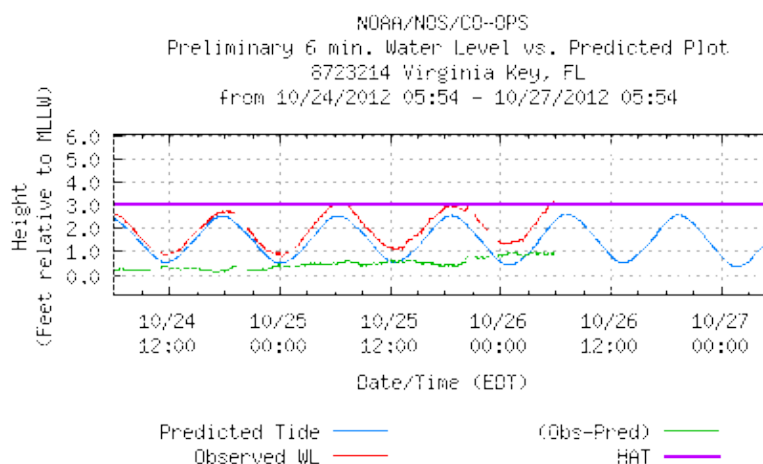
Vaca Key, FL - Return to List



Last Observed Sample: 10/26/2012 05:42 (EDT)

Barometric Pressure: 1002.7 mb

Virginia Key, FL - Return to List

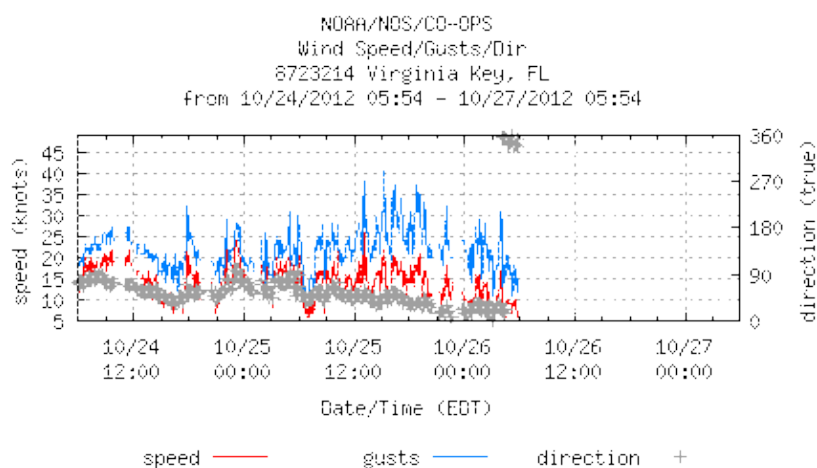


Last Observed Sample: 10/26/2012 05:48 (EDT)

Relative to MLLW: **Observed: 3.21 ft.** **Predicted: 2.30 ft.** **Residual: 0.91 ft.**

Historical Maximum Water Level: Oct 24 2005, 2.58 ft. above MHHW

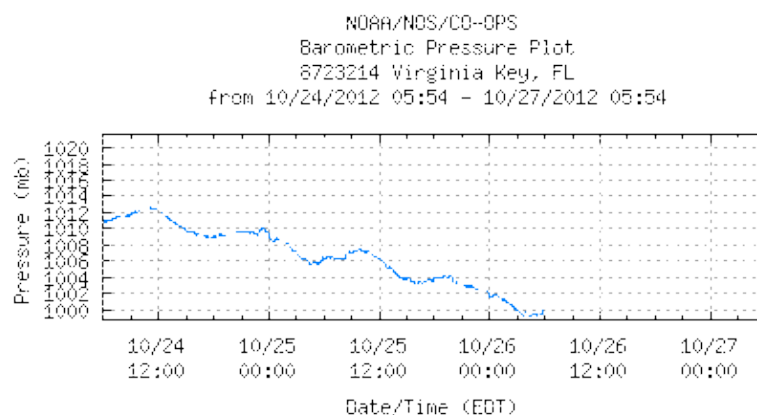
Virginia Key, FL - Return to List



Last Observed Sample: 10/26/2012 05:48 (EDT)

Wind Speed: 6 knots Gusts: 15 knots Direction: 351° T

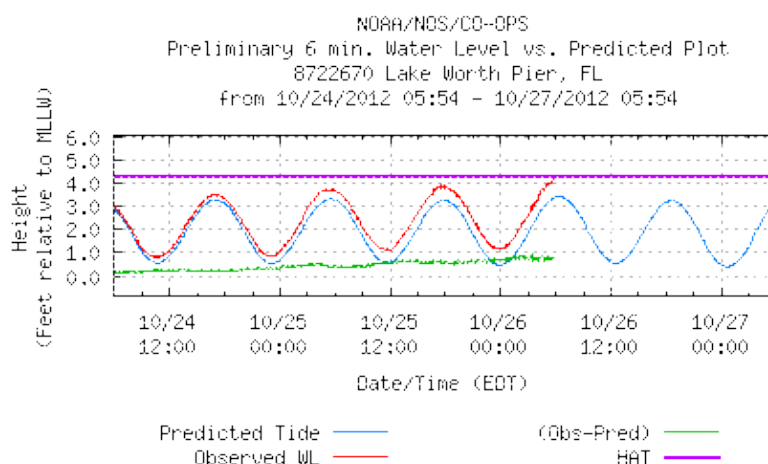
Virginia Key, FL - Return to List



Last Observed Sample: 10/26/2012 05:48 (EDT)

Barometric Pressure: 999.8 mb

Lake Worth Pier, FL - Return to List

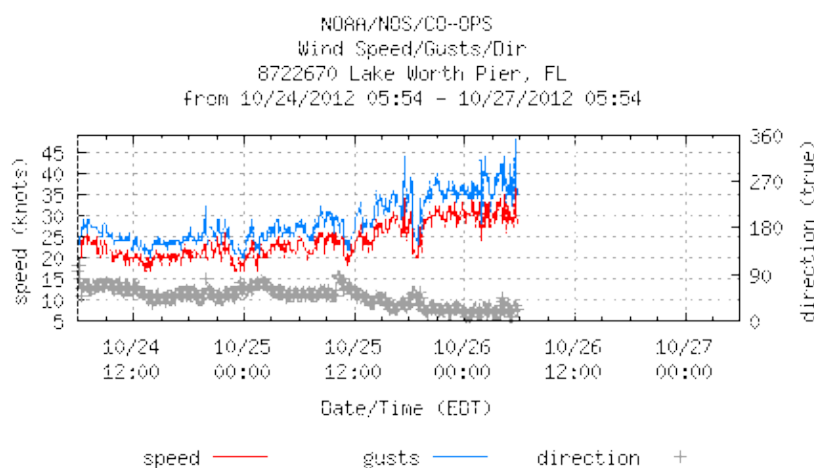


Last Observed Sample: 10/26/2012 05:42 (EDT)

Relative to MLLW: **Observed: 4.16 ft.** **Predicted: 3.35 ft.** **Residual: 0.81 ft.**

Historical Maximum Water Level: Nov 23 1984, 1.88 ft. above MHHW

Lake Worth Pier, FL - Return to List

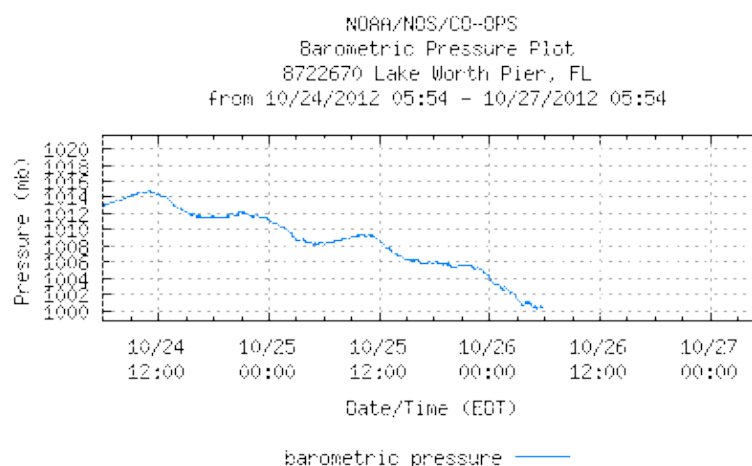


Last Observed Sample: 10/26/2012 05:42 (EDT)

**Wind Speed: 28 knots** **Gusts: 35 knots** **Direction: 24° T**



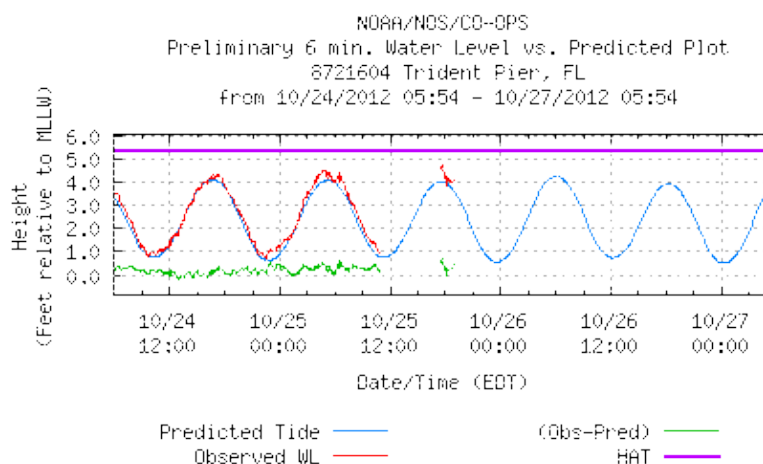
Lake Worth Pier, FL - Return to List



Last Observed Sample: 10/26/2012 05:42 (EDT)

Barometric Pressure: 1000.3 mb

Trident Pier, FL - Return to List

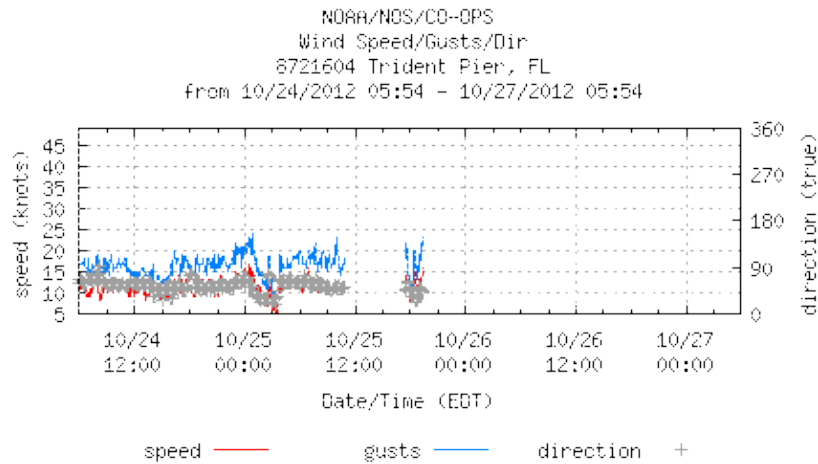


Last Observed Sample: 10/25/2012 18:54 (EDT)

Relative to MLLW: **Observed: 4.06 ft.** **Predicted: 3.62 ft.** **Residual: 0.44 ft.**

Historical Maximum Water Level: Sep 26 2004, 4.01 ft. above MHHW

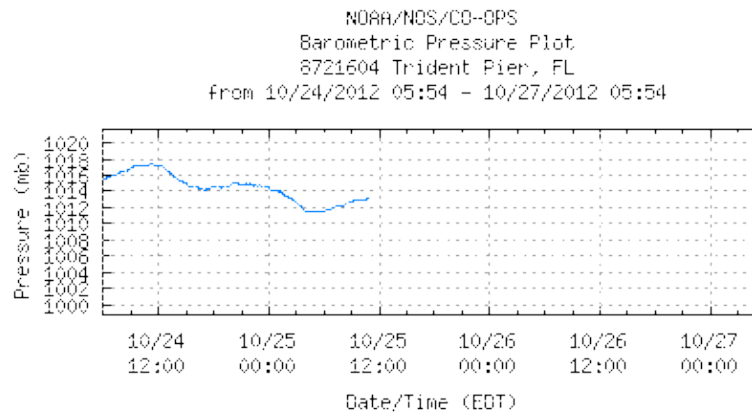
[Trident Pier, FL - Return to List](#)



Last Observed Sample: 10/25/2012 19:24 (EDT)

Wind Speed: 14 knots Gusts: 21 knots Direction: 46° T

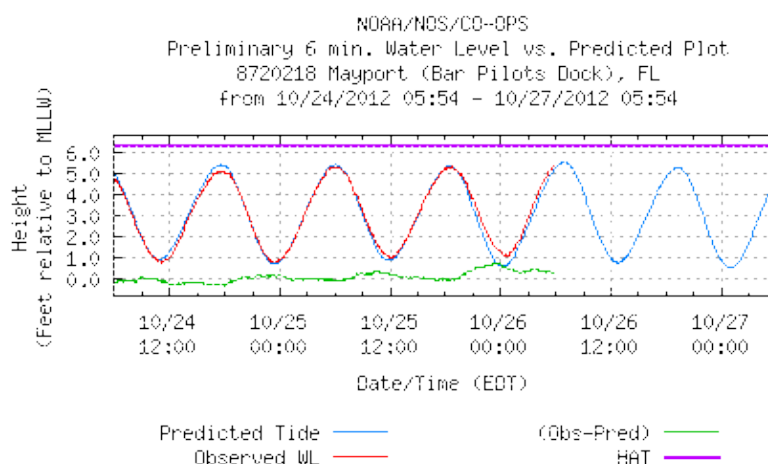
[Trident Pier, FL - Return to List](#)



Last Observed Sample: 10/25/2012 10:54 (EDT)

Barometric Pressure: 1013.1 mb

Mayport (Bar Pilots Dock), FL - Return to List

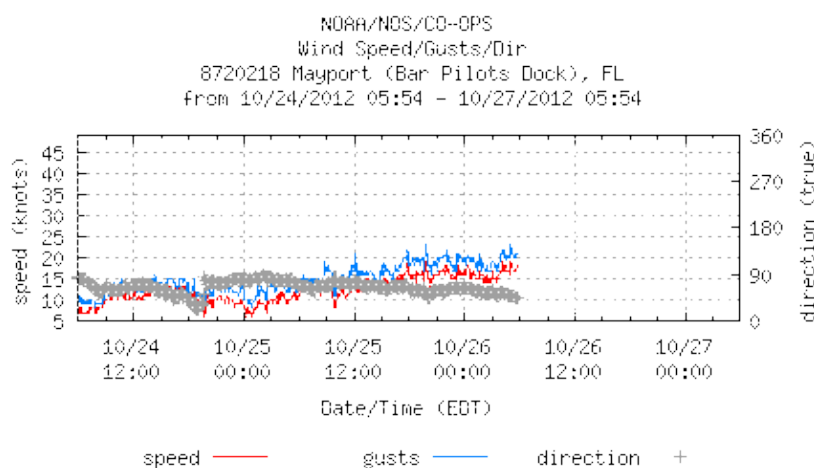


Last Observed Sample: 10/26/2012 05:42 (EDT)

Relative to MLLW: **Observed: 5.41 ft.** **Predicted: 5.13 ft.** **Residual: 0.28 ft.**

Historical Maximum Water Level: Sep 27 2004, 2.47 ft. above MHHW

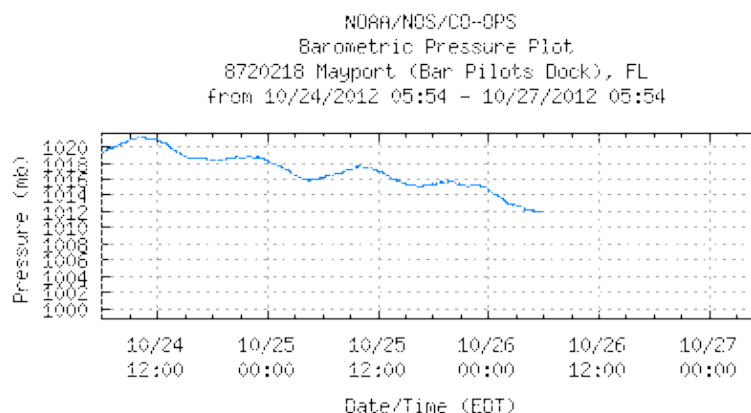
Mayport (Bar Pilots Dock), FL - Return to List



Last Observed Sample: 10/26/2012 05:42 (EDT)

**Wind Speed: 18 knots** **Gusts: 21 knots** **Direction: 44° T**

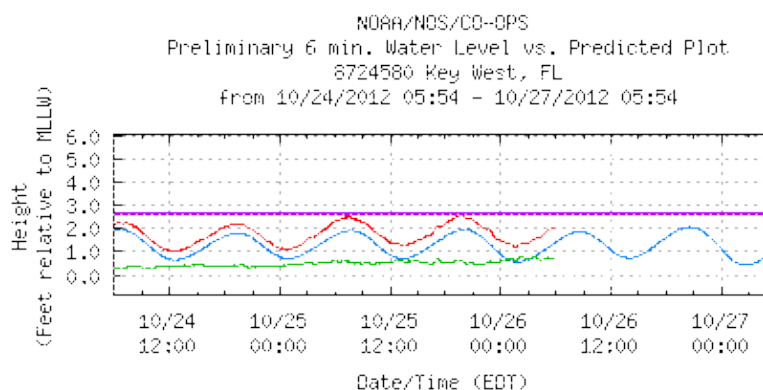
Mayport (Bar Pilots Dock), FL - Return to List



Last Observed Sample: 10/26/2012 05:42 (EDT)

Barometric Pressure: 1012.0 mb

Key West, FL - Return to List



Predicted Tide —

Observed WL —

(Obs-Pred) —

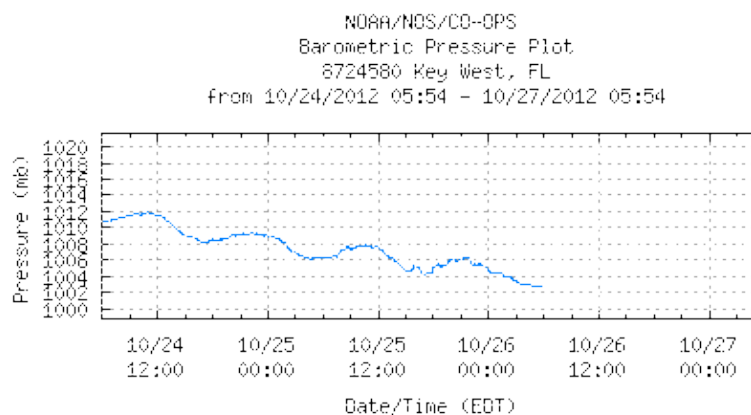
HAT —

Last Observed Sample: 10/26/2012 05:42 (EDT)

Relative to MLLW: **Observed: 2.05 ft.** **Predicted: 1.34 ft.** **Residual: 0.71 ft.**

Historical Maximum Water Level: Oct 24 2005, 3.14 ft. above MHHW

[Key West, FL - Return to List](#)



barometric pressure —

Last Observed Sample: 10/26/2012 05:42 (EDT)

**Barometric Pressure: 1002.8 mb**

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce